

Application Serial No. 09/935,215
Attorney's Docket No.:06618-881001

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Original) A method of three dimensionally imaging at least one site, comprising:

imaging the site through three separate camera lens assemblies;

restricting an overall size of a scene that is imaged through the lenses, by allowing light to pass only through a plurality of apertures of specified shapes, each associated with one of the lens assemblies;

associating each of the plurality of lens assemblies and apertures with a separate camera portion, such that light which passes through each aperture is imaged by an entire camera portion; and

analyzing said light from each of the camera portions, to determine three dimensional object information about the object.

2. (Original) A method as in claim 1 wherein said apertures includes three apertures arranged in a substantially triangular shape.

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3. (Original) A three-dimensional camera device,
comprising:
- first, second and third lens systems, arranged in the shape of an equilateral triangle;
 - first, second and third aperture plates, each associated with one of said lens systems;
 - a camera system, operating to obtain an image of a scene which has passed through said apertures, and
 - a controller, said controller controlling said camera such that each aperture is associated with a separate camera portion which includes substantially an entirety of said camera portion taking an image through each aperture at a specified time.
4. (Original) A device as in claim 3 wherein said camera portion includes three separate cameras.